

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Amin *et al.*

Confirmation Number: *To be determined*

Serial No.: *To be determined*, continuation of
09/872,495

Group Art Unit: *To be determined*

Filed: On Even Date Herewith

Examiner: *To be determined*

For: METHODS FOR CONTROLLING
QUBITS

Attorney Docket No.: 706700-999186

REVOCATION AND POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

D-Wave Systems, Inc. (assignee) hereby revokes any and all previous powers and appoints:

Practitioners at Customer Number 20583, and Brett Lovejoy, Reg. No. 42,813

as its/their their attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above mentioned Customer Number.

Practitioners at Customer Number 20583

Firm or Individual Name:

Address: Jones Day
222 East 41st Street
New York, New York 10017

Telephone: (212) 790-2803

D-Wave Systems, Inc. is the:

Applicant/Inventor
 Assignee of record of the entire interest. See 37 CFR 3.71.
(*Statement under 37 CFR 3.73(b) is applicable*)

Statement Under 37 C.F.R. 3.73(b)

D-Wave Systems, Inc. states that it is:

the assignee of the entire right, title, and interest; or
 an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

An assignment from the inventor(s) of the parent of the patent application/patent identified above. The assignment was recorded in the United States Patent and

OR

A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: To: . The document was recorded in the United States Patent and Trademark Office on at Reel, Frame, or for which a copy thereof is attached.

2. From: To:

The document was recorded in the United States Patent and Trademark Office on at Reel , Frame , or for which a copy thereof is attached.

3. From: To:

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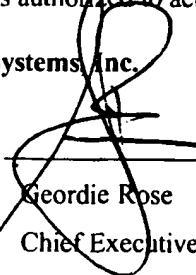
Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

ASSIGNEE: D-Wave Systems, Inc.

Date: March 1 2004 Signature: 
Typed Name: Geordie Rose
Position/Title: Chief Executive Officer

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.

Total of 1 form is submitted.

**DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

Quantum Processing System For A Superconducting Phase Qubit

which (check)

is attached hereto.

and is amended by the Preliminary Amendment attached hereto.

was filed on as Application Serial No.

and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No
N/A			<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
N/A	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
N/A		

I hereby appoint the following practitioners to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Customer Number 24251

[REDACTED]

Please address all correspondence and telephone calls to:

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I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

Full name of first joint inventor:

Inventor's Signature:

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Date:

Nov. 1, 2001

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Full name of second joint inventor:

Inventor's Signature:

Geordie Rose

Date:

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Full name of third joint inventor:

Inventor's Signature:

Alexandre Zagorskin

Date:

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Post Office Address: SAME AS ABOVE

Citizenship:

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Full name of fourth joint inventor

Inventor's Signature:

Jeremy P. Hilton

Residence:

Post Office Address:

Date:

Nov. 01/10

Citizenship:

CANADIAN

AS ABOVE.

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